Brassica rapa seed germination from Gongjun Shi

for Genotype 10, 18 and 19

1. Soak seeds in 30% bleach for 5 minutes, followed by rinsing several times with sterilized distilled water.

2. Soak surface-sterilized seeds in small beakers for 0.5 hours.

3. Place seeds in 100 ppm GA3 for 0.5 hr, followed by rinsing several times with sterile distilled water.

4. Put seeds in covered sterilized Petri dishes with wet sterilized filter paper overnight

5. Sow the seeds the second day.

For unknown reasons, direct sowing these seeds of G10, 18 and 19 yields no germination. So I treat these three using GA3. Others just treat with water for the same amount of time.

If G10, G18 and G19 are not chosen for further experiments, no need to soak seeds of other genotypes in water before sowing.